

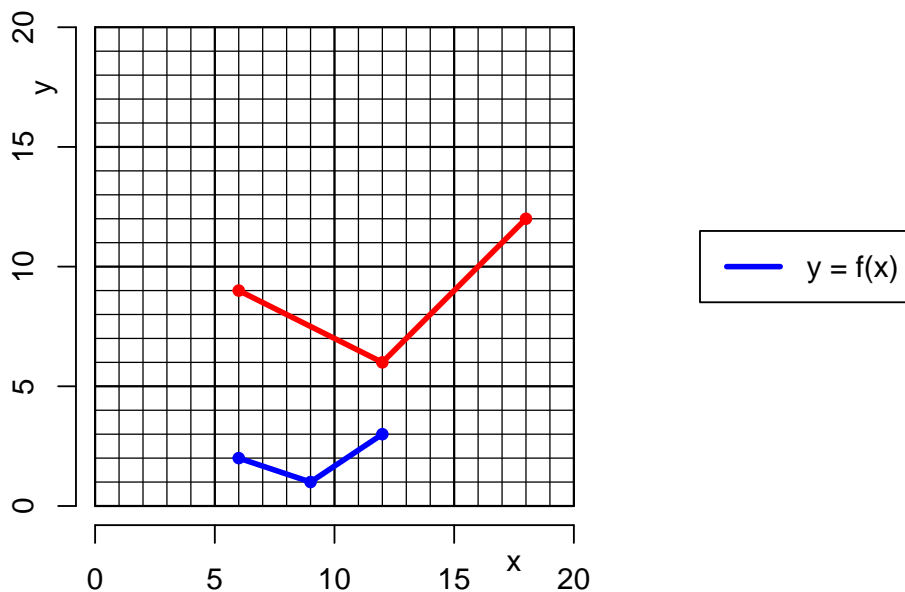
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 19)

Question 1

Curve $y = f(x)$ contains points $(6, 2)$ and $(9, 1)$ and $(12, 3)$, as shown on the x - y plane below.

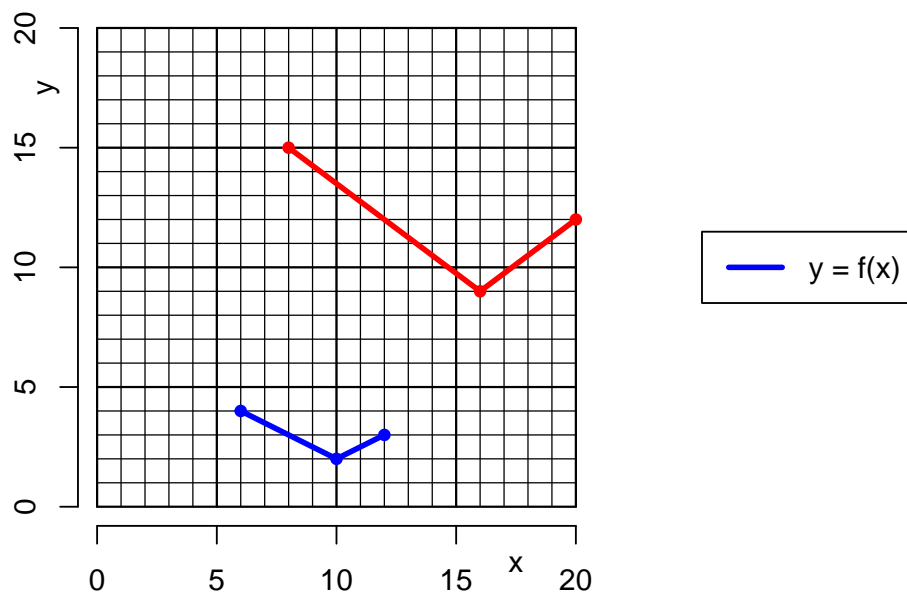


On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x+6}{2}\right] + 3$$

Question 2

Curve $y = f(x)$ contains points $(6, 4)$ and $(10, 2)$ and $(12, 3)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3 \left(f \left[\frac{x+4}{2} \right] + 1 \right)$$